

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

Attachment

ABSTRACT

A home gateway device ~~(60)~~ having a home agent function selects communication interfaces ~~(52), (53)~~ other than the communication interface ~~(51)~~ which has acquired network information for setting a home network to be home links, and appropriately sets the home link and a home agent by using the acquired network information, thereby reliably achieving the automatization of the device setting. Moreover, the home gateway device ~~(60)~~ selects a link connected to a mobile terminal ~~(10a)~~ based on a mobile IP as home link, acquires existing home agent information from the mobile terminal ~~(10a)~~ and makes settings with this information, thereby setting the home link without compelling the mobile terminal ~~(10a)~~ to change its setting.

ABSTRACT

A home gateway device having a home agent function selects communication interfaces other than the communication interface which has acquired network information for setting a home network to be home links, and appropriately sets the home link and a home agent by using the acquired network information, thereby reliably achieving the automatization of the device setting. Moreover, the home gateway device selects a link connected to a mobile terminal based on a mobile IP as home link, acquires existing home agent information from the mobile terminal and makes settings with this information, thereby setting the home link without compelling the mobile terminal to change its setting.